

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	(channel or path) and ((updat\$3 or adjust\$3) near3 (((number adj1 bit\$1) or (bit adj1 rate)) same ((chang\$3 or updat\$3 or adjust\$3) near3 power))) and ((interference or noise) near5 (power or strength))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 16:27
L2	1	(channel or path) and ((updat\$3 or adjust\$3) near3 (((number adj1 bit\$1) or (bit adj1 rate)) same ((chang\$3 or updat\$3 or adjust\$3) near3 power))) and ((interference or noise) near5 (power or strength)) and frame\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 16:28
L3	2	(channel or path) and ((updat\$3 or adjust\$3) near3 (((number adj1 bit\$1) or (bit adj1 rate)) same ((chang\$3 or updat\$3 or adjust\$3) near3 power))) and ((interference or noise)) and 375/285,296,260,299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 16:30
L4	0	(channel or path) and ((updat\$3 or adjust\$3) near3 (((number adj1 bit\$1) or (bit adj1 rate)) same ((chang\$3 or updat\$3 or adjust\$3) near3 power))) and ((interference or noise)) and 332/159,162.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 16:33
L5	0	(channel or path) and ((updat\$3 or adjust\$3) near3 (((number adj1 bit\$1) or (bit adj1 rate)) same ((chang\$3 or updat\$3 or adjust\$3) near3 power))) and ((interference or noise)) and 455/63.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 17:14
S1	16	(decod\$3 or demodulat\$3) near4 (based or according or order) near2 (sinr or (signal \$1to\$1interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 16:35
S3	10	(decod\$3 or demodulat\$3) near4 (highest) near2 (sinr or (signal\$1to\$1interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 16:38
S4	1	("5955992").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/09 16:37

S5	13	(decod\$3 or demodulat\$3) near4 (highest or best) near4 (snr or (signal\$1to \$1interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 16:40
S6	69	(decod\$3 or demodulat\$3) near6 (highest or best) near6 (snr or (signal\$1to \$1interference) or snr or sir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 16:50
S7	10	(decod\$3 or demodulat\$3) near6 (high\$3 adj2 low\$3) near6 (snr or (signal\$1to \$1interference) or snr or sir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 08:54
S8	3	"20030076797"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:01
S9	10	(amplif\$6) with (amplitude near2 scal\$3) with (snr or sir or interference or noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:07
S10	1	("20040157614").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 09:04
S12	9	(chang\$3 or vary\$3 or vari\$2 or adjust\$3) adj4 (rate near22 amplif\$6) near3 (frame\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:11
S13	37	(frame\$1) with (encod\$3) with (amplif\$4) with (interleav\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:13
S14	2	((encod\$3) with (amplif\$4) with (interleav\$3)) and (amplif \$3 with ((different or distinct or unique) near2 (amplitude\$1 or magnitude\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:16
S15	11	((amplif\$4) with (interleav\$3)) and (amplif\$3 with ((different or distinct or unique) near2 (amplitude\$1 or magnitude \$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:16
S16	179	(amplif\$3 adj6 ((different or distinct or unique) adj1 (amplitude\$1 or magnitude \$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:17
S17	54	(amplif\$3 adj6 ((different or distinct or unique) adj1 (amplitude\$1 or magnitude \$1))) and transmitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:23
S18	59	(encoder with amplifier with interleaver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:30

S19	0	encoders with amplifiers with interleaver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 09:31
S21	64	(encoders with interleaver) same frame	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 09:40
S22	1	("20010039638").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 09:55
S25	0	(encod\$3 with (interleav\$3 near2 all)) same transmitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:58
S26	0	(encod\$3 with (interleav\$3 near2 all))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:58
S27	218	(encod\$3 with (interleav\$3 near2 combin\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:01
S28	49	(encod\$3 with (interleav\$3 near2 combin\$5 near2 (signal \$1 or bit\$1 or sequence\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:07
S29	122	(amplitude near2 scal\$3) near3 (snr or sir or interference or noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:08
S30	6	(amplitude near2 scal\$3) near3 (snr or sir or interference or noise) same (amplif\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:09
S32	2	transmitter and receiver and (amplif\$6) with feed\$1back\$1 with (noise or interference or snr or sir or snir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:11
S35	59	transmitter with (amplif\$8) with feed\$1back\$1 with (noise or interference or snr or sir or snir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:23
S37	160	transmitter same ((control\$3 or adjust\$3 or chang\$3 or modif\$4) near3 amplif\$6) near5 (noise or interference or snr or sir or snir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:08

S38	114	transmitter same (( "controls" or "controlling" or adjust\$3 or chang\$3 or modif\$4) near3 amplif\$6) near5 (noise or interference or snr or sir or snir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:34
S39	4	transmitter same (( "controls" or "controlling" or adjust\$3 or chang\$3 or modif\$4) near3 amplif\$6) near3 (based or using or used or according) near2 (noise or interference or snr or sir or snir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:35
S41	31	(encoders adj5 interleaver) not turbo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:05
S42	27	transmitter and (encoders near4 amplifiers)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:10
S43	24	transmitter and (encoders near4 scal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:13
S44	0	transmitter and (encoders near8 (amplitude near2 scal\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:13
S45	0	transmitter and (encoders with (amplitude near2 scal\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:14
S46	8	transmitter and (encoders same (amplitude near2 scal\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:18
S47	0	("2005/0169358").URPN.	USPAT	OR	ON	2007/05/10 11:19
S48	10	transmitter and (encoders same ((amplitude\$1 or magnitude\$1) near2 scal\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:22
S49	77	transmitter and (encoder\$1 with scal\$3) and ((amplitude\$1 or magnitude\$1) near2 scal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:23
S50	68	transmitter and (encoder\$1 with scal\$3) and ((amplitude\$1 or magnitude\$1) near2 scal\$3) and (interference or noise or snr or sir or snir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:28

S51	15	transmitter and (encoders with scal\$3) and ((amplitude\$1 or magnitude\$1) near2 scal\$3) and (interference or noise or snr or sir or sinr)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:25
S52	11	transmitter and (encoder\$1 with scal\$3) and ((amplitude\$1 or magnitude\$1) adj1 scal\$3) and (interference or noise or snr or sir or sinr)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 12:42
S59	41	transmitter and receiver and (amplif\$4 near1 scal\$3) with amplitude\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 12:42
S60	6	(number adj1 (code\$1 or signal \$1 or frame\$1)) with (decod\$3 adj1 capability)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:12
S61	13	(number adj1 (code\$1 or signal \$1 or frame\$1)) same (decod \$3 adj1 capability)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:14
S62	1338	(decod\$3 adj1 capability)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:15
S63	0	("decod\$3 capability")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:15
S64	1038	"decoding capability"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:15
S65	58	"decoding capability" with number	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:35
S66	2	(number adj1 (code\$1words\$1 or code\$1 or signal\$1 or frame \$1 or sequence\$1)) with (noise) with interference with decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:40
S67	53	number with (noise) with interference with decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:40

S68	1	(number adj1 (code\$1words\$1 or code\$1 or signal\$1 or frame\$1 or sequence\$1)) with (noise) with interference with ((vari\$2 or chang\$3 or adjust\$3 or modif\$6 or scal\$3 or control\$3) near4 (amplitude\$1 or magnitude\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:43
S69	3	(number) with (noise) with interference with ((vari\$2 or chang\$3 or adjust\$3 or modif\$6 or scal\$3 or control\$3) near4 (amplitude\$1 or magnitude\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:43
S70	0	(interferece) with ((updat\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$6 or control\$3) near4 (amplitude\$1 or magnitude\$1) near5 (code\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 12:24
S73	15	(interference) with ((updat\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$6 or control\$3) near4 (amplitude\$1 or magnitude\$1) near5 (code\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 12:25
S74	244	(path or channel or link) with (interference) with ((updat\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$6 or control\$3) near4 (amplitude\$1 or magnitude\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 12:28
S75	4	(path or channel or link) with (interference) with ((updat\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$6 or control\$3) near4 (amplitude\$1 or magnitude\$1)) and ((code\$1 or (code adj1 word)) near7 frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 12:29
S76	24	((path or channel or link) with (interference)) same ((updat\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$6 or control\$3) with ((code\$1 or (code adj1 word)) near7 frame))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 12:33
S77	18	((path or channel or link) with (interference)) same ((updat\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$6 or control\$3) near7 ((code\$1 or (code adj1 word)) near7 frame))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 12:34
S78	1	(unbalance adj1 code adj1 mix\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 12:37

S79	2	((path or channel or link) with (interference or sinr or snr)) same ((updat\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$6 or control\$3) near7 (number near4 (code\$1 or (code adj1 word) near7 frame))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 13:51
S80	3	(path or channel or link) with (interference) with ((updat\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$6 or control\$3) near4 (amplitude\$1 or magnitude\$1) near4 amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 13:54
S82	82	(channel or path) near8 ((amplitude or magnitude) near4 (calculat\$3 or determin\$3)) near9 (amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 13:56
S83	2	((channel or path) near5 (noise or interference)) near8 ((amplitude or magnitude) near4 (calculat\$3 or determin\$3)) near9 (amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 13:56
S84	0	((channel or path) near3 condition\$1) near8 ((amplitude or magnitude) near4 (calculat\$3 or determin\$3)) near9 (amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/28 13:57
S85	1	("6097762").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 15:13
S86	1	("5787122").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 15:14
S87	1	("6044106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 15:15
S88	1	("5966649").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 15:16
S89	1	("6173016").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 15:20
S90	1	("5914932").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 15:21
S91	1	("6201970").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 15:21
S92	1	("20040157614").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 09:01
S93	4	(channel or path) and (updat\$3 near3 (number adj1 bit\$1)) and ((chang\$3 or updat\$3 or adjust\$3) near3 amplif\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 10:22
S94	3	(channel or path) and (updat\$3 near3 (number adj1 bit\$1)) same ((chang\$3 or updat\$3 or adjust\$3) near3 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 10:24

S95	3	(channel or path) and (updat\$3 near3 (number adj1 bit\$1)) same ((chang\$3 or updat\$3 or adjust\$3) near3 power) and interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 10:29
S96	0	(channel or path) and (updat\$3 near3 (bit\$1 adj1 rate)) same ((chang\$3 or updat\$3 or adjust\$3) near3 power) and interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 10:36
S97	0	(channel or path) and (updat\$3 near3 (bit\$1 adj1 rate)) same ((chang\$3 or updat\$3 or adjust\$3) near3 power) and ((interference or nise) near3 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 10:47
S98	0	(channel or path) and (updat\$3 near3 (number adj1 bit\$1)) same ((chang\$3 or updat\$3 or adjust\$3) near3 power) and ((interference or nise) near5 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 10:48
S99	3	(channel or path) and (updat\$3 near3 (number adj1 bit\$1)) same ((chang\$3 or updat\$3 or adjust\$3) near3 power) and ((interference or noise) near5 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/29 10:48

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